BRUHAT BANGALORE MAHANAGARA PALIKE

MODIFIED APPROVED SCHEDULE - B

Name of the work:- Improvements to roads and drains in LNT COMPOUND ROAD to byatarayanapura in ward No.07, Byatarayanapura

Sl. No.	Approved Qty.	Description	Unit	Rates KRIDL	
				In Figures	In Words
1	425.78	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications	cum	86.92	Rupees Eighty Six and Ninety Two Paise Only
2	21.94	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
3	22.82	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications	tonne	59413.00	Rupees Fifty Nine Thousand Four Hundred Thirteen Only
4	468.00	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge	sqm	387.96	Rupees Three Hundred Eighty Seven and Ninety Six Paise Only
5	45.63	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.	cum	6371.66	Rupees Six Thousand Three Hundred Seventy One and Sixty Six Paise Only
6	5.40	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications	cum	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only

Signature of the contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engineer

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92
05/02

S.	Approved Qty.	Description	Unit	Rates KRIDL In Figures	Rates KRIDL In Words
7	529.50	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications	sqm	1836.00	Rupees One Thousand Eight Hundred Thirty Six Only
8	60.00	Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure	sqm	993.22	Rupees Nine Hundred Ninety Three and Twenty Two Paise Only
9	185.00	Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications.	cum	1801.44	Rupees One Thousand Eight Hundred One and Forty Four Paise Only
10	450.00	Providing and applying primer coat with S.S Bitumen emulsion on prepared surfaces of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.6okg/sqm using mechanical means complete as per specifications	sqm	28.08	Rupees Twenty Eight and Eight Paise Only
11 8	23.25	Providing and laying bituminous macadam on prepared surface with crushed aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant, rasnsporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level to paver and laying mixed materials with paver finisher to the required level and grade , rolling by power roller to acheive the desired density, but excluding cost of primer/tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications., (using 40/60 TPH capacity H.M.P with mechanical paver Gr-1(80mm to 10mm) with 3.3% VG-30 bitumen	cum	5223.96	Rupees Five Thousand Two Hundred Twenty Three and Ninety Six Paise Only
12 9	2140.00	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machineries complete as per specifications	sqm	3.18	Rupees Three and Eighteen Paise Only
13 10	3210.00	Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications.. (Pg No. 160. Item No. 21.7)	sqm	11.66	Rupees Eleven and Sixty Six Paise Only

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o.	Approved Qty.	Description	Unit	Rates KRIDL	
				In Figures	In Words
14	128.40	Providing and laying bituminous concrete40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filleeer, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required gradde, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to acheive the desired compaction as per MORTH specifications clause No.509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11(30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics(Waste plastic)	cum	7302.34	Rupees Seven Thousand Three Hundred Two and Thirty Four Paise Only
15	425.78	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification	cum	106.00	Rupees One Hundred Six Only

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